

REMARKS

I. STATUS OF THE CLAIMS

Independent claims 4, 12, 13 and 14 are amended herein to include features from claims 6, 7 and 8. New claims 22 and 23 are added. New claim 22 includes features from claims 6 and 7. New claim 23 includes features from claims 6 and 8.

Claims 1, 2, 3, 6, 7, 8, 16, 17 and 18 are canceled herein.

In view of the above, it is respectfully submitted that claims 4-5, 9-10, 12-15 and 19-23 are currently pending.

II. OBJECTION TO THE ABSTRACT

The Abstract is amended herein, to overcome the objection.

III. REJECTION OF CLAIMS 4-21 UNDER 35 USC 103 AS BEING UNPATENTABLE OVER JONGERIUS IN VIEW OF CELINSKA AND FURTHER IN VIEW OF MATSUMOTO

Independent claims 1, 12, 13 and 14 are amended to recite locally solidifying the coating film formed in the vicinity of a tailing end of the coating solution going along the inner wall of the tube, wherein the local solidification of the coating film comprises (a) drying the coating film by moving a heat source utilizing visible light or an infrared ray and/or a microwave with the movement of the coating solution and irradiating the coating film with the visible light or infrared ray and/or microwave, or (b) fixing the metal compound in the coating film to the inner wall of the tube by moving a ultraviolet ray irradiating device with the movement of the coating solution and irradiating the coating film with the ultraviolet ray.

It is respectfully submitted that none of the cited references, taken individually or in any combination, discloses or suggests such features.

In view of the above, it is respectfully submitted that the rejection is overcome.

IV. CONCLUSION

In view of the above, it is respectfully submitted that the application is in condition for allowance, and a Notice of Allowance is earnestly solicited.

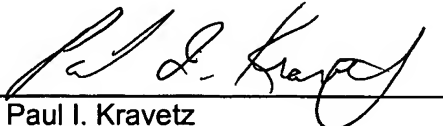
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If any further fees are required in connection with the filing of this response, please charge such fees to our Deposit Account No. 19-3935.

Respectfully submitted,

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